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New introduction to description:

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Key box

Technical field

15 The invention relates to a key box having a door and a metal and/or plastics housing which can be closed by the door, in which the rear wall of the housing is provided with key-hanging means.

20 From GB 890 914 A, two key boxes are known, whereof one has a housing made up of sheet-metal blanks individually tailored to the size of the box and one has a wooden housing. The cost necessary to produce sheet-metal housings is undesirably high, especially where a manufacturer would like to offer a range of key boxes which have sizes tailored to different holding capacities. For cases of this latter type, wooden housings tend to be suitable, since the length of the boards or strips used for their
25 production can be readily varied. Wooden boxes have the drawback, however, that in order to obtain adequate stability for their housing, joints consisting of tongues and grooves or bores and dowels are necessary, in which case a glueing of the parts to be joined together is normally indispensable. In other words, the cost of production of wooden boxes is likewise considerable.

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A key box or key cabinet is also shown by CH 272 795 A. This consists – as far as can be deduced from the drawings of the stated publication – presumably of a one-piece housing and a likewise one-piece door. The configuration of the housing and of the door gives reason to presume that these are molded parts which are produced in a similar
35 manner to the side walls and the top and bottom parts of a cabinet known from FR 1 164 566 A, i.e. using special molds.

Representation of the invention

The object of the invention is to provide a key box, the structure of which allows a significantly more economical production compared to known production methods. This object is achieved according to the invention by the fact that the side walls and the door of the housing consist of cut-to-length continuous profiles which, in the region of their edges facing away from the door, have vertically running guide grooves for receiving the rear wall, and that the side walls are screwed together with a bottom part forming the floor of the box and a top part forming the roof of the box.

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The key box according to the invention offers the advantage that its capacity can be easily varied by the use of cut-to-length side walls, and that the cost of production of its single parts and the assembly thereof is low. The fact that the shape of the continuous profiles can be matched within broad limits to customer requirements is also advantageous in its effect.

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Further features and details of the invention emerge from the subclaims and the following description of an embodiment of a key box represented in the appended drawing.